

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

CENTRAL FILES

JUL 1 1976

Northern States Power Company
ATTN: Mr. Leo Wachter
Vice President
Power Production and System
Operation
414 Nicollet Mall
Minneapolis, Minnesota 55401

Docket No. 50-263

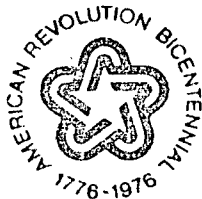
Gentlemen:

This refers to the inspection conducted by Mr. I. N. Jackiw of this office on June 14-17, 1976, of activities at Monticello Nuclear Generating Plant authorized by NRC Operating License No. DPR-22 and to the discussion of our findings with Mr. L. R. Eliason at the conclusion of the inspection.

The enclosed copy of our inspection report identifies areas examined during the inspection. Within these areas, the inspection consisted of a selective examination of procedures and representative records, observations, and interviews with personnel.

No items of noncompliance with NRC requirements were identified during the course of this inspection.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and the enclosed inspection report will be placed in the NRC's Public Document Room, except as follows. If this report contains information that you or your contractors believe to be proprietary, you must apply in writing to this office, within twenty days of your receipt of this letter, to withhold such information from public disclosure. The application must include a full statement of the reasons for which the information is considered proprietary, and should be prepared so that proprietary information identified in the application is contained in an enclosure to the application.



Northern States
Power Company

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We will gladly discuss any questions you have concerning this inspection.

Sincerely yours,

Gaston Fiorelli, Chief
Reactor Operations and
Nuclear Support Branch

Enclosure:
IE Inspection Report
No. 050-263/76-10

cc w/encl:
Mr. L. R. Eliason
Plant Manager

bcc w/encl:
Central Files
PDR
Local PDR
NSIC
TIC
Anthony Roisman Esq., Attorney
IE Mail and File Unit

UNITED STATES NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT

REGION III

Report of Operations Inspection

IE Inspection Report No. 050-263/76-10

Licensee: Northern States Power Company
414 Nicollet Mall
Minneapolis, Minnesota 55401

Monticello Nuclear Generating Plant
Monticello, Minnesota

License No. DPR-22
Category: C

Type of Licensee: BWR GE 1670 MWt

Type of Inspection: Routine, Unannounced

Dates of Inspection: June 14-17, 1976

Principal Inspector: *A. N. Jackiw*
A. N. Jackiw

6/28/76
(Date)

Accompanying Inspectors: None

Other Accompanying Personnel: None

Reviewed By: *W. S. Little*
W. S. Little, Chief
Nuclear Support Section

6/29/76
(Date)

SUMMARY OF FINDINGS

Inspection Summary

Inspection on June 14-17, (76-10): Reviewed organization and administration, training, and operator requalification training.

Enforcement Items

None.

Licensee Action on Previously Identified Enforcement Items

None reviewed.

Other Significant Items

A. Systems and Components

Following a shutdown to repair "A" relief valve, the plant was started up on June 16, 1976 and the torus test program was resumed. Preliminary test results indicate that no major problems exist.

B. Facility Items (Plans and Procedures)

None.

C. Managerial Items

The licensee has implemented several organizational changes. Mr. L. R. Eliason has been appointed the Plant Manager. Mr. F. L. Fey has been appointed the Radiation Protection Engineer.

D. Noncompliance Identified and Corrected by Licensee

None.

E. Deviations

None.

F. Status of Previously Reported Unresolved Items

None reviewed.

Management Interview

At the conclusion of the inspection on June 17, 1976, an exit interview was conducted with Mr. Eliason and other members of his staff. The following items were discussed.

A. The inspector stated that the licensee's organizational structure is in accordance with the Technical Specifications. (Paragraph 2, Report Details)

B. The inspector noted that a number of organizational changes had been initiated by the licensee. (Paragraph 2, Report Details)

C. The inspector stated that the training and requalification training programs were reviewed. No problems were identified in these areas. (Paragraphs 3 and 4, Report Details)

REPORT DETAILS

1. Persons Contacted

L. Eliason, Plant Manager
M. Clarity, Superintendent, Plant Engineering and Radiation Protection
W. Anderson, Superintendent, Operation and Maintenance
J. Pasch, Training Supervisor
H. Kendall, Plant Office Supervisor
F. Fey, Radiation Protection Engineer
W. Hill, Engineer, Instruments
P. Pochop, Quality Group

2. Organization and Administration

The inspector reviewed the licensee's onsite and offsite organizations to ascertain whether they are in accordance with the requirements of the Technical Specifications. The following items were considered during this review: onsite organization structure; personnel qualification levels; specification of authorities and responsibilities; and shift crew composition.

The following items were confirmed by the inspector:

- a. The licensee's onsite organization structure is described in Administrative Control Directive (ACD) 3.1.
- b. Nondestructive Test personnel qualifications are in accordance with the licensee's requirements. Key management personnel of the station meet the requirements of ANSI 18.1.
- c. Authorities and responsibilities of supervisory personnel are delineated in ACD 3.1
- d. Safety Audit Committee and Operations Committee memberships and qualifications are in accordance with Technical Specifications. Also, ACD 3.2 provides a written charter for the functioning of the Operations Committee.
- e. The minimum shift crew composition is in accordance with the Technical Specifications.
- f. Mr. L. Eliason has assumed the position of Plant Manager. His replacement to the position of Radiation Protection is Mr. F. Fey.

3. Training

Overall training activities for new employees and retraining for nonlicensed personnel were reviewed to ascertain whether they are in conformance with Technical Specifications and licensee's procedures. The following items were considered during this review: establishment of a formal training and retraining program for new employees, temporary employees, nonlicensed/licensed personnel, technicians and craft personnel; the training program covers administrative controls, radiological health and safety, industrial safety, security, emergency plan, and quality assurance training; the retraining program includes on-the-job training and fire prevention training; the periodic evaluation of the training and retraining programs; and prenatal radiation exposure instructions are provided to female employees.

The inspector observed the following:

- a. ACD 3.13, establishes training requirements for new employees, temporary employees and general plant employees. Annual training is provided to all plant employees. New employee indoctrination is conducted within 30 days of employment.
- b. Annual training for all plant personnel covers the following area: (1) Emergency Plan and Procedures, (2) Radiological Health and Safety, (3) Plant Controlled Access Areas and Security Procedures, (4) Industrial Safety and First Aid, and (5) Use of Protective Clothing and Equipment.
- c. Instrument and Control and Radiation Protection personnel participate in specialist trainee progression programs. These programs consist of two parts. Part one is the formal training portion and part two is the on-the-job training portion. Records of on-the-job training is maintained by the section supervisors.

The inspector noted that although formal training requirements exist for maintenance personnel, no formal program had been established to document on-the-job activities performed by these individuals.

- d. A system exists for training programs to be evaluated by means of: (1) written examinations, (2) oral examinations and quizzes and (3) practical examinations or demonstrations.

- e. In regard to instructing female workers about prenatal exposure risks, the licensee stated that the general employee training program will be upgraded to include this subject.

The regulatory position is stated in Regulatory Guide 8.13, Revision 1.

4. Regualification Training

The licensed operator regualification training program was reviewed to ascertain whether it is effective and in conformance with Regulatory requirements.

The following was confirmed by the inspector:

- a. A preplanning lecture schedule has been established.
- b. Attendance is being documented.
- c. Training aids used in lieu of an instructor are specified in the schedule.
- d. On-the-job training requirements are specified and include the following: (1) control manipulations, (2) review of significant facility design, procedural and licensing changes, (3) review of integrated operating procedures, (4) review of abnormal and emergency operating procedures, (5) review of abnormal occurrences and unusual events, and (6) review of administrative matters of significance to operating personnel.
- e. Records of three licensed individuals were reviewed and included the following: (1) examinations with answers, (2) documentation of manipulations, (3) documentation of simulated drills, (4) evaluations of examinations, (5) accomplishment of self study, and (6) accelerated retraining as applicable.

5. Torus Testing

On June 14, 1976, the licensee attempted to actuate safety relief valve "A". After several attempts the valve was declared inoperable and the plant was shutdown. The cause of failure of safety relief valve "A" was determined to be the malfunction of an air solenoid

valve. Following replacement of the defective air solenoid valve, the plant was started up and torus testing resumed on June 16, 1976. Preliminary test results of single valve actuations, sequential valve actuations and multiple valve actuations appear to be within expected limits. No major problems evolved during the test.